Special Issue

Advancing Security and Privacy in the Internet of Things

Message from the Guest Editors

This Special Issue aims to address these paramount concerns by assembling a collection of high-quality research and review articles. These contributions will delve into multifaceted challenges and explore innovative solutions critical for enhancing security and privacy in the realm of IoT devices and computing. In doing so, this issue seeks to contribute to the advancement of knowledge and foster the development of more resilient IoT systems. The particular topics of interest include, but are not limited to, the following:

- Machine Learning and AI for IoT Security;
- Secure Communication Protocols for IoT Networks;
- IoT Device Authentication Mechanisms;
- Privacy-Preserving Data Collection and Processing for IoT Networks;
- Edge Computing Security;
- Blockchain and Distributed Ledger Technologies (DLT) for IoT Security;
- IoT Device Lifecycle Security;
- Physical Security of IoT Devices;
- Data Security for IoT;
- Threat Modeling and Risk Assessment for IoT environments;
- Crypto Elements for IoT Security;
- Encryption Algorithms for IoT.

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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